

## **MAGNETIC DISK DRIVE**

### **ABSTRACT OF THE DISCLOSURE**

A magnetic disk drive having a two-stage actuator function and a TAF slider function comprises: signal superposing means 6 to reduce the number of transmission lines to be employed, by merging the control signal for a piezoelectric element 37 for the two-stage actuator function and the control signal for a heating resistor 38 for the TAF slider function into a single type of signal on preamplifier 26 side of the spring-load position; and signal separating means for separating the merged signal into the control signal for piezoelectric element 37 for the two-stage actuator function and the control signal for a heating resistor 38 for the TAF slider function on magnetic head 14 side of the spring-load position by use of interline crosstalk to control the respective functions.

(FIG. 4)

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